Sidelight Panel Replacement

Service Instruction

These instructions apply to:

Entry Door Sidelight 2001-2/2012

Tools /Material Required:

- Brad nailer
- Pliers
- Putty knife
- Sealant gun
- Side cutter
- Reciprocating saw with 2" or shorter blade
- Vibrating cutting tool, (Optional)
- Sealant, clear recommended
- Mastic tape

Material Supplied (when sidelight panel is ordered):

- Panel
- Cove mould
- Exterior stop
- Mastic tape
- Sill gasket
- Sill spacer

1 Panel Removal:

Note: If applicable, finish replacement panel, cove mold and exterior stop prior to performing replacement.

Note: If sidelight panel has been previously replaced, the outer frame cladding will most likely need to be to be replaced at the same time.

A. Remove the interior cove molds and exterior sill stop. Place a putty knife between the cove mould and the face of the panel, and pry the cove mould away from the panel.

Note: If removing the cove mould and stop without ordering a replacement panel kit which includes new cove moulding and stop, remove carefully as not to damage so moulding and stop can be reused.

B. Using a pliers or vice grip, remove the nails that attach the cove mold to the frame. Be careful to avoid damage to the door frame.

C. From the interior; run a putty knife between the panel and frame to locate the screws (1 or more depending on vintage) which pass through the frame into the panel. Mark the locations of the screws.

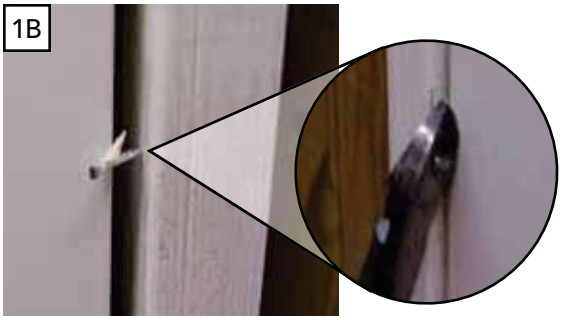
1A



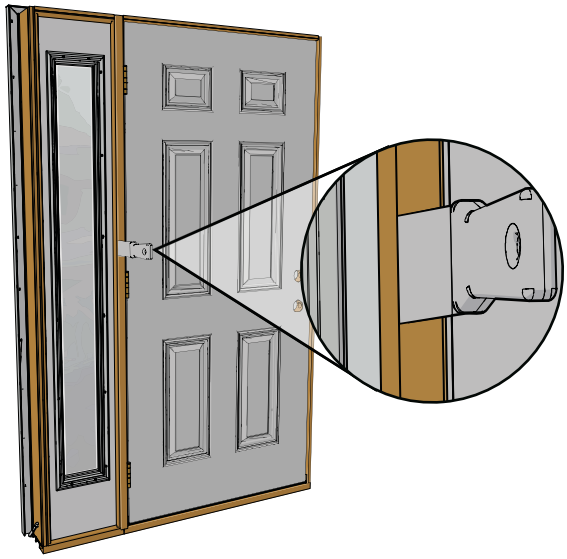
1A



1B



1C



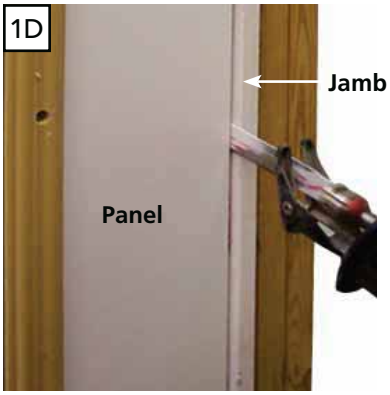
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1 Panel Removal (continued):

D. From the interior; use a reciprocating saw to cut the screws at the locations marked in the previous step.

Note: Use a 2" or shorter blade to prevent damage to the door frame or chip out panel and break screws with a chisel by setting the flat side of the chisel against the frame.

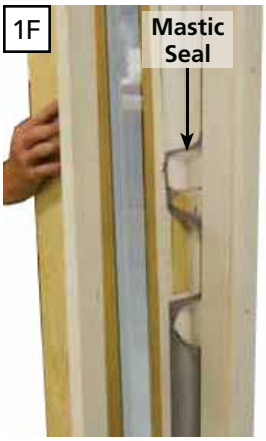


E. From the exterior, use a putty knife to cut the mastic between the panel and frame. If using a vibrating cutting tool to cut through the mastic, use caution to not damage the frame.





F. Remove the panel. From the exterior, push the panel toward the interior, away from the mastic seal. Be careful not to remove or damage the frame cladding while pushing the panel to the interior, continue to cut the mastic as needed when removing the panel.





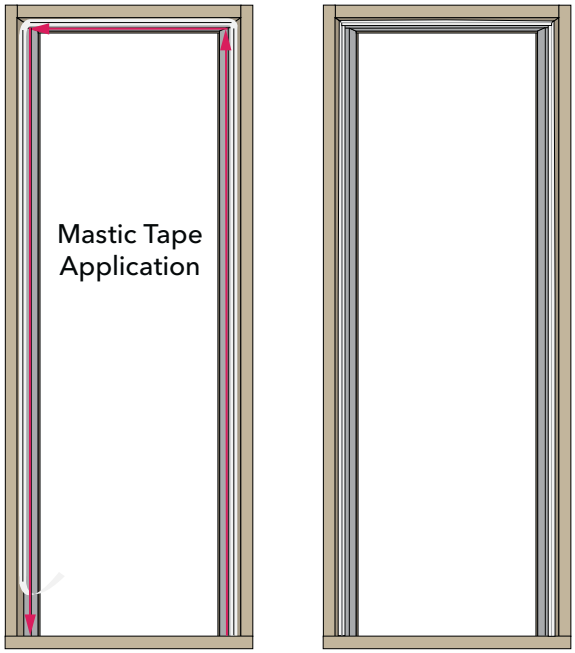
G. Remove the wood spacer from the sill, and remove any old sealant, mastic or other debris from the frame.

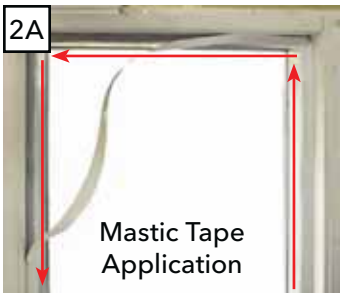
H. **Clad units only:** Check that the roll-form cladding is properly seated on the frame jamb. If it is not properly seated, refer to the Roll-form Cladding Replacement Instructions to properly seat the cladding.

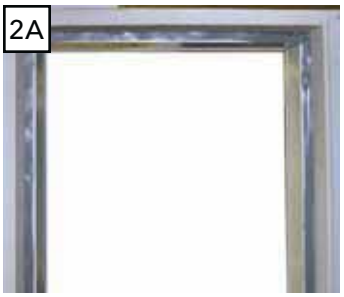
Note: If applicable, Install replacement cladding set now.

2 Frame Preparations:

A. Apply a continuous strip of mastic to the frame head and jambs in the position shown. Begin at the bottom of one frame jamb, apply the mastic up the jamb, across the head and down the other jamb. Remove the release paper from the mastic tape.







B. Place a strip of mastic on the sill between the fiberglass portion of the sill and the aluminum portion of the sill. This piece of sill mastic should tie into and touch the mastic on the frame applied in step 2A. Remove the release paper from the mastic tape.



C. Place a second strip of mastic on the top of the fiberglass portion of the sill as shown. Remove the release paper from the mastic tape.





2 Frame Preparations (continued):

D. Install the sill spacer on top of the threshold. Position the spacer against the exterior panel stops, and press the spacer down to compress the mastic.





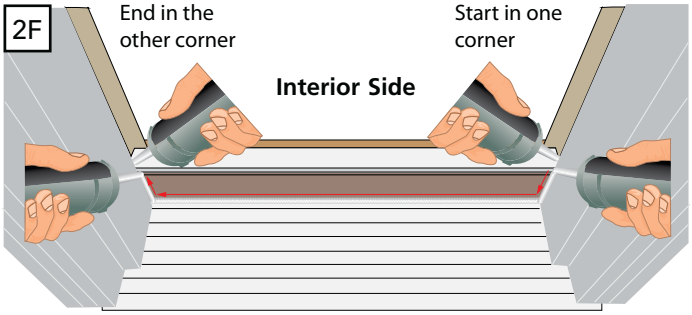
E. Install the sill gasket on the top of the sill spacer. The gasket must be cut to length so it extends to and can be pressed against each jamb stop. The exterior edge of the gasket must be 1/8" back from the exterior edge of the sill spacer.





F. Wipe sill down with alcohol and rag, then apply sealant on the sill starting in one corner on the top of the sill spacer along the mastic and then down the front of the spacer, along the bottom edge of the spacer and back up the other side up to where the mastic meets the spacer and back into the other corner.









3 Panel Installation:

A. From the interior, place the bottom of the panel on top of the sill spacer, center the panel between the frame jambs and tilt the top of the panel into position. While tilting the panel as the top nears the frame, press down on the panel to compress the gasket at the sill, this will help the panel fit into the frame.

Note: Insert one or two putty knives above the panel to help lead the panel in and protect the frame finish from damage.









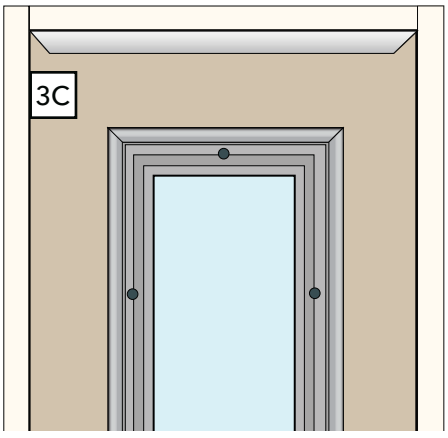
B. Press firmly on the panel to compress the panel against the mastic.

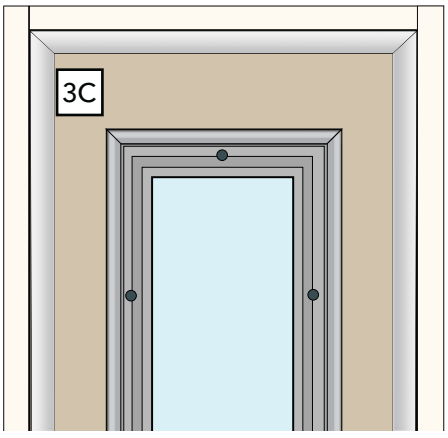
C. **Install the cove mold on the interior:**
Cove molding for **In-Swing** and direct set sidelights has mitered corners. Cove molding for **Out-swing** sidelights have butt-joint corners.

In-Swing, Direct Set and Out-Swing ADA sidelights: Install sill cove mold first, apply 2 pieces of butyl behind Interior sill stop to fill gap prior to nailing. Then install head and finally jambs.

Out-Swing Standard: Install head first, then the jambs.

Be careful not to damage the interior frame finish. The interior edge of the cove mold should be flush with the interior edge of the frame jamb. If it is not flush, press the panel firmly into the mastic, until the cove mold is flush on the interior. When inserting the jamb cove mold pieces; insert the ends first and start tacking in place from the center and work outward toward the ends.





D. Using a brad nail, drive brads through the cove mold, into the frame jamb.

3 Panel Installation (continued):

E. After the panel is installed, apply a bead of sealant at the top of the spacer where the panel, gasket and spacer meet. If the sealant line applied in step 2F was damaged when the panel was installed, touch-up the sealant as needed.





F. Place the exterior sill stop over the joint between the door sill and the bottom of the panel.

G. Using a brad nailer, nail the exterior stop to the spacer.

Note: Allow any sealant squeeze-out to set up and harden before attempting to remove.



